Particulars	Unit	No	Length (m)	Breadth (Avg in m)	Depth (m)	Quantity
Supply and fixing of childern Multi Play Equipment with double swing, curved side toddler slide with animated roof (Height structural posts of height 2.7 m and 3 m are to be schedule HOT DIP Galvanized steel with a 114mm OD and 2.2mm (wall) thickness of the tubing. The poles are welded on to a base plate made from steel with 114mm inner diameter. Deck of size 1.45 x 1.45m and Staircase of size 1.48 m x 0.60 m are fabricated from 2mm perforated solid punched steel. Deck perimeter is precision pre punched for attachments. Handrail of height 1.90 m and Dia 32 mm shall be an all-robotic welded unit, fabricated from 32 O.D. galvanized steel pipes with a baked on powder coating finish. Exposed hardware shall be covered with ultra violet stabilized plastic safety caps as per Sun Roof of size 2.0 m x 1.78 m x 0.77m, Spiral Slide of size 2220 mm x 1630 mm x 1880 mm , Straight Slide of size 1645 mm x 800 mm x 1140 mm. Panels. Roofs and panels are copyrighted and IP protected worldwide. Spring Climber of thickness Dia 38 mm, 3 step ladder , Frisbee Climber ,Piped walls of Height 2.7 m are all robotic welded fabricated from 32 O.D. galvanized steel pipes for the outer pipes and 25mm O.D. galvanized steel for the inner parallel bars with a baked on powder coat finish. The rates are to be inclusive of supply and installation at site. Inclusive of All Taxes and Transportation Charges. Charges. completion of the work as per direction of engineer in charge of work.						
Measurement Recorded on						
Krishna Devaraya park	Each	1				1.00

Asst.Engineer
18/01/21

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Project Division
Yelahanka Zone
BBMP, Bangalore - 92

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Particulars	Unit	No	Length (m)	Breadth (Avg in m)	Depth (m)	Quantity
Supply & fixing of Elliptical Cross Trainer: All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as TÜVRM, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the websites certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an inert MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all free welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. The seat and backrest is made from Rotomoulded LLDPE. Bearings: Maintenance-free ball bearings. Equipment which have sway and moving parts, must have built in limitors that prevent unwanted and ecesssive movement, which can cause injuries. The limitors must be in accordance with EN16630 safety norms. Scope of delivery : 1 completely pre-assembled equipment modules. Maintenance : Maintain according to EN16630 and the maintenance guide. Size (L*W * H) 845 MM x 865 MM x 1710 MM . Capacity 1 person. Inclusive of All Taxes and Transportation Charges.completion of the work as per direction of engineer in charge of work.						
Measurement Recorded on Sangolirayanna Park	Each	1				1.00

Asst.Engineer
27/01/21

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Particulars	Unit	No	Length (m)	Breadth (Avg in m)	Depth (m)	Quantity
Safety & Saving of Rider : All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, VDE or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers of contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized hot dip dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ASTM B117 to speed up corrosion for 3000 hrs. The seat is made from Rotomoulded LLDPE. Bearings : Maintenance-free Nylon bearings. Equipment which have sway and moving parts, must have built in limitors that prevent unwanted and excessive movement, which can cause injuries. The limitors must be in accordance with EN16630 safety norms. Scope of delivery : 1 completely pre-assembled equipment modules. Maintenance : Maintain according to EN16630 and the maintenance guide. Size (L*W * H) 910 MM x 655 MM x 1210 MM . Capacity 1 person. Inclusive of All Taxes and Transportation Charges,completion of the work as per direction of engineer in charge of work.						
Measurement Recorded on Sangolirayanna Park	Each	1				1.00

Asst.Engineer
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Project Division
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Particulars	Unit	No	Length (m)	Breadth (Avg in m)	Depth (m)	Quantity
...Swing of Tai Chi Spinners : All products must tested and certified to meet EN16630 safety standards with GS ...the EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA ...is site only. The GS mark EN 16630 certificates must be in the name of a supplier who has carried out a ...public park projects in India with EN16630 GS certified products either by themselves or through ...contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified ...websites as online verification is mandatory during technical bid. All products must clearly display ...been issued in the EN16630 safety certificates. All tubular steel of 2.5mm thickness are galvanized ...joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved ...All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding ...prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of ...All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ...to speed up corrosion for 3000 hrs. Bearings : Maintenance free ball bearings. Equipment which have sway ...parts, must have built in limitors that prevent unwanted and ecessive movement, which can cause ...The limitors must be in accordance with EN16630 safety norms. Scope of delivery : 1 completely pre ...fitted equipment modules. Maintenance : Maintain according to EN16630 and the maintenance guide. Size ...W) 1150 MM x 1120 MM x 1620 MM . Capacity 2 persons. Inclusive of All Taxes and Transportation Charges ...duration of the work as per direction of engineer in charge of work.						
...Equipment Recorded on ...Kallinayanna Park	Each	1				1.00

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BBMP, Bangaloro - 92

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Particulars	Unit	No	Length (m)	Breadth (Avg in m)	Depth (m)	Quantity
Supply & fixing of HD Waist Twister :All products must tested and certified to meet EN16630 safety standards with GS Seal mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TÜV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out in Progress of at least 50 public park projects in India either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Footplates made of alloys of Nylon having good thermal stability. Internal Limited means no bump stops or crush pads. Bearings : Maintenance-free ball bearings. Scope of delivery : 1 completely pre-assembled equipment modules. Maintenance : Maintain according to EN16630 and the maintenance guide. Size (L*W * H) 1460 MM x 1310 MM x 1150 MM . Capacity 3 persons. Inclusive of All Taxes and Transportation Charges.completion of the work as per direction of engineer in charge of work						
Measurement Recorded on Sangollirayanna Park	Each	1				1.00

Asst.Engineer
27/01/21

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Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity
Slab	1	3 (N)	3 (N)	3 (N)	
	2	1.5	1.5	3 (N)	
	1	3 (N)	3 (N)	4 (N)	

Asst. Executive Engineer
Project Division
Yelahanka Zone
BDMP, Bangalore - 92

Asst. Engineer
09/03/21

12/03/21

Particulars	Unit	No	Length (m)	Breadth (Avg in m)	Height (m)	Quantity
		2	24.10		0.45	21.69
		2	12.30		0.45	11.07
		2	12.50		0.45	11.25
		2	12.45		0.45	11.21
		2	12.25		0.45	11.03
		2	10.35		0.45	9.32
		2	10.35		0.45	9.32
		2	12.50		0.45	11.25
		2	20.25		0.45	18.23
After road		2	22.30		0.45	20.07
		2	11.70		0.45	10.53
		2	11.90		0.45	10.71
		2	27.60		0.45	24.84
		2	1.30		0.45	1.17
		2	0.90		0.45	0.81
		2	4.20		0.45	3.78
		2	30.00		0.45	27.00
		2	4.70		0.45	4.23
					Qty	622.22

Consultant

Asst.Engineer

3/12/2020

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